

New Microwave Wireless Equipment Available for Voice Communication in Tunnels/Confined Spaces

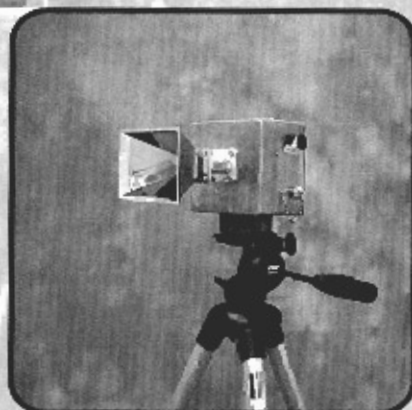
Continuous long-distance 2-way voice communication in water conveyance tunnels, siphons, and penstocks is now achievable with portable low-power, easy-to-use microwave radio equipment. First designed and built for Bureau of Reclamation maintenance crews, this equipment provides OSHA required safety voice communication for confined space entry.



High-Gain Dish Antenna



SHF Band Radio Set



Small Horn Antenna Easily
Mounts to Roving Vehicle

Features

- ▶ Long communication range (presently tested to 13 miles underground, line-of-sight)
- ▶ No wires or repeaters required
- ▶ Operates in full voice duplex mode - like a telephone
- ▶ Provides station Call and Alarm functions
- ▶ Low power microwave operation - does not qualify as OSHA radio-frequency hazard
- ▶ Low power consumption (9W typ.), operates on standard 12V battery
- ▶ Easy to set up and operate - knowledge of microwave radio equipment not required
- ▶ Compact construction designed for wet environments

Patent Pending

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